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REPORT ON THE STATE

AGRICULTURAL EXPERIMENT STATIONS

1956

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UNITED STATES DEPARTMENT OF AGRICULTURE

ARS-23-6

May 1957

REPORT ON THE STATE AGRICULTURAL EXPERIMENT STATIONS, 1956

By E. C. Elting, Deputy Administrator for Experiment Stations,
Agricultural Research Service

This report gives a brief summary of scientific research at the State agricultural experiment stations. It has been prepared in accordance with the provisions of law that the Secretary of Agriculture provide such a report to Congress annually. It documents the past year's fiscal and operational activities at the stations in tables appearing in the pages that follow.

Since wide circulation is given research findings at the individual experiment stations in the form of periodicals published at monthly, bi-monthly, or quarterly intervals, and in annual and regional reports, summaries on significant research findings are not included. Inquiries concerning these or on any phase of an individual station's researches should be addressed to the Director of the State Agricultural Experiment Station, whose name and address will be found on the inside back cover page.

FEDERAL LEGISLATION FOR STATE EXPERIMENT STATIONS

Research at the agricultural experiment stations in the 48 States, Alaska, Hawaii, and Puerto Rico, is supported in part by Federal-grant funds appropriated annually by Congress. The first authorization for such payments was contained in the Hatch Act of 1887, authorizing payment of $15,000 to each State that would establish and maintain an agricultural experiment station in connection with its State land-grant college. Additional authorizations for Federal-grant research payments were included in the Adams Act of 1906, the Purnell Act of 1925, the Bankhead-Jones Act of June 29, 1935, and Title I, section 9 of the amendment of 1946 to the Bankhead-Jones Act. The original Hatch Act and subsequent authorizing legislation were combined into a single Hatch Act Amended, P. L. 352--84th Congress, approved August 11, 1955.

PURPOSE OF FEDERAL-GRANT PAYMENTS

Both the initial and the recently amended Hatch Act declare that the policy of Congress is to promote the efficient production, marketing, distribution, and utilization of farm products. The act asserts the interest of Congress to assure agriculture a position in research equal to that of industry in order to maintain an equitable balance between agriculture and other segments of our economy. It places on the State agricultural experiment stations the responsibility "to conduct original and other researches, investigations, and experiments bearing directly on and contributing to the establishment and maintenance of a permanent and effective agricultural industry in the United States."

The Hatch Act has greatly aided and stimulated the growth of the State experiment stations to the important part of the publicly sponsored national research establishment which they now represent. The Secretary of Agriculture has long stressed cooperation and coordination of effort as major objectives in the proper administration of Federal-grant payments. This coordinative function has, since the legislation first went into effect, created a pattern of close research cooperation between the experiment stations and the Department of Agriculture. Although the experiment stations, as part of the State land-grant colleges, are autonomous State institutions, their research is closely linked with departmental research through cooperative planning and coordination of effort on many problems of mutual concern.

SCOPE OF PROGRAM

Research on problems that have national or broad regional significance is carried on by the Federal Government, very often in close cooperation with individual States or the experiment stations of several States. State experiment stations have primary responsibility for the solution of problems affecting the agricultural economy and public welfare within the respective States. Regional problems generally are the subject of research cooperation between two or more States within a region and frequently also participated in by the Department of Agriculture.

The agricultural experiment stations engage in both basic and applied research. Considerable effort is directed to the testing of scientific facts and their application to solving specific

problems confronting farmers and handlers of farm products in the State. As soon as preliminary results from experimental trials show promise, these are repeated and the findings carefully checked before they are made a part of the recommended practices.

This cooperative system of research and experimentation has now been in effect for almost 65 years. In less than a century, it has developed for agriculture a technology that compares favorably with that of industry. Not only have operating farmers used it to advantage in cutting production cost and increasing farm efficiency and rural living; but concurrent progress has been made in finding new uses for crops, in developing new crop varieties, and in establishing a great deal of basic knowledge about soils and life processes of plants and animals. Much is being contributed to finding expanded market outlets, improved marketing practices, and improved nutrition practices in the feeding of humans as well as animals.

DEPARTMENT ADMINISTRATION

Under present Department organization, the Secretary of Agriculture's functions under the Hatch Act are centered in the Agricultural Research Service. The Department's Agricultural Research Service Administrator through the Deputy Administrator for Experiment Stations has overall responsibility. Operational duties relating to administration and coordination of Federal-grant research are carried on in the State Experiment Stations Division, ARS. This division is staffed with agricultural administrators in various fields of agricultural subject matter. They annually visit the State experiment stations and review the Federal-grant program in progress prior to initiation of the next fiscal year's work. A program of research with an accompanying budget for each station is submitted to the division on or before June 15. Any new research proposed in whole or in part for use of Federal-grant funds is reviewed. It requires approval of the division before becoming eligible for Federal-grant payments.

The State Experiment Stations Division carries on numerous other administrative and technical functions. Specialists in the various subject-matter fields furnish advice and assistance to experiment stations. They are members of Department coordinating committees and assist the Director and Deputy Administrator in reviewing Department research proposals carried on cooperatively with State experiment stations. These specialists also assist technical committees of regional research in various phases of the regional programs. The records of all regional projects are kept in the division, and two technical staff members are assigned full time as coordinators of the regional program.

Use of regional research funds were first authorized in the 1946 amendment to the Bankhead-Jones Act. This authorization was incorporated in the Hatch Act Amended. At the end of the 1956 fiscal year a total of 140 regional research projects were in operation. The regional program provides for planning and integration of research aimed at problem areas that extend beyond State boundaries. Proposals for regional research, when approved by the experiment station directors in a region, have to be recommended by a Committee of Nine directors elected by and representing the station directors, as provided by law. Consideration and review are then given these recommendations by the State Experiment Stations Division before final approval is given on behalf of the Secretary.

RECENT GROWTH AND DEVELOPMENT

During the years of World War II, many lines of agricultural research had to be deferred. Scientific manpower was needed for the immediate task of winning the war. By 1946 the experiment stations faced a serious personnel problem. Substantial increases in the support of experiment stations were needed. This was recognized by Congress and State appropriating bodies in most States. In general, the experiment stations now find themselves in a relatively stronger position than they were 10 years ago. In 1947 the States had a total support from both Federal-grant and State sources of approximately $35 million. During the current year that level is about threefold. At the close of the war, technical personnel numbered just over 5,000. In 1956 the research personnel of the experiment stations included 3,522 staff members devoting full time to station research and 4,885 who divided their time between research and teaching or extension work. The total in both categories was 8,407.

Recent growth has taken place at the main stations in the form of new buildings, improved and modern laboratory space, and employment of technicians trained to handle such instruments as electronic microscopes, complicated computing machines, radioisotopes, and many other

scientific tools of modern research. The substation phase of the program has been materially strengthened in many States through acquisition of additional experimental sites, construction of required buildings and laboratory space, and also through staffing with needed personnel. In 1946 there were about 250 substations and outlying farms. Today the number has doubled, so that the total reported number of field laboratories and substations, in addition to the main experiment station in each State, now numbers 560 well-established centers for attacking problems common to the areas involved.

There has been a significant growth in each of the past 3 years in the total amount of experiment station research. The active projects conducted at the stations in 1956 numbered 5,266, a substantial increase over the total number of 4,559 projects 3 years earlier. Thus the States are employing increases from Federal-grant support to expand their research programs substantially. Major areas of research toward which recent Federal-grant research increases are being directed include: Development of new practices aimed at furthering the soil and water conservation program, desirable adjustments in land use, greater economy of production, lessening the hazards in farming and reducing animal disease hazards, expanding outlets for agricultural commodities, developing alternative crops for those in surplus, increasing efficiency of farm mechanization, more effective use of pesticides, and improving the nutritional status of our population. Corresponding increases from State sources have made this total expansion possible in the face of steadily increasing cost.

PUBLICATIONS

Printed publications of the experiment stations in 1956 included 831 bulletins, circulars, and reports; 5,544 articles in scientific journals; and 1,202 miscellaneous publications. In addition, 648 popular and 1,260 technical reports, bulletins, and circulars were processed by the stations. In their reporting, stations have shown considerable initiative in grouping research results in such a way as to assure greater operating efficiency to farmers who make use of the research findings.

Data by individual States relating to personnel and publications are shown in tables 1 and 2.

INCOME AND EXPENDITURES

Appropriations under the authorization of the Act of August 11, 1955, (Public Law 352) for use by the experiment stations in 1956 totaled $24,253,708. Of this amount $504,000, authorized by section 3(c)5 of the act, were available to the State Experiment Stations Division for administration. Four million two hundred thousand dollars were available for allotment to the States for cooperative regional research projects authorized by section 3(c)3 and for travel by the Committee of Nine established in accordance with this section. The remaining amount of $19,549,708 was allotted to the States, Hawaii, Alaska, and Puerto Rico, under the formula described in sections 3(b) and 3(c)1 and 2 of the act. The amounts allotted under sections 3(b) and 3(c)1, 2, and 3, are shown in table 3.

In addition to the Federal-grant funds enumerated above, the division received funds from the Agricultural Marketing Act, section 204(b) for allotment to the State agricultural experiment stations for marketing research. Allotments totaling $500,000 were made to the stations during the fiscal yaar 1956 (table 3).

Non-Federal income of the stations appears in table 4.

Expenditures of Federal-grant funds are shown under object classes by individual experiment stations in tables 5 and 6; expenditures and allotments of funds from the Agricultural Marketing Act appropriation are shown in table 7; and expenditures of non-Federal funds are indicated in table 8. The 1956 expenditures of non-Federal funds which include State appropriations, research grants, and income from other sources totaled $76,232,959.89, as compared with $72,157,504.67 in 1955. The 1956 non-Federal fund expenditures by all of the stations approximated $3.15 for each $1 of Federal grants. Summaries of expenditures appear in tables 9 and 10.

TABLE 1.—Organization and personnel of the experiment stations for the year ended June 30, 1956

Station	Date of legislative assent to Hatch Act	Date of organization under Hatch Act	Personnel				
			Full-time research	Research and Teaching	Research and extension	Research, teaching, and extension	Workers engaged full or part time in research
			Number	Number	Number	Number	Number
Alabama	Feb. 27, 1889	Apr. 1, 1888	86	61		4	151
Alaska	May 2, 1929	May 1, 1931	12		11		23
Arizona	Mar. 19, 1889	July 1, 1889	64	52			116
Arkansas	Mar. 7, 1889	April 2, 1888	39	64		3	106
California	Mar. 12, 1889	Mar. 13, 1888	183	405			588
Colorado	Mar. 25, 1889	Feb. 20, 1888	25	85		4	114
Connecticut:							
State	May 18, 1887	May 18, 1887	116				116
Storrs	do	April 1, 1888	33	35		18	86
Delaware	Apr. 14, 1887	Feb. 21, 1888	15	21	3	10	49
Florida	June 7, 1887	Mar. 16, 1888	202	45	5	4	256
Georgia	Dec. 24, 1888	Feb. 18, 1888	111	66	1	9	187
Hawaii	Mar. 31, 1911	July 1, 1929	42	19			61
Idaho	Jan. 23, 1891	Feb. 26, 1892	35	51		2	88
Illinois	May 11, 1887	Mar. 21, 1888	106	107	13	17	243
Indiana	Jan. 19, 1889	July 1, 1887	149	118	25	19	311
Iowa	Mar. 1, 1888	Feb. 17, 1888	82	120	17	20	239
Kansas	Mar. 3, 1887	Feb. 8, 1888	47	181			228
Kentucky	Feb. 20, 1888	Apr. 29, 1888	109	55	8	7	179
Louisiana	July 12, 1888	Apr. 5, 1887	119	74	2		195
Maine	Mar. 16, 1887	Feb. 16, 1888	43	40		1	84
Maryland	Mar. 6, 1888	Mar. 9, 1888	19	38	14	32	103
Massachusetts	Apr. 20, 1887	Mar. 2, 1888	61	32	7	12	112
Michigan	Apr. 12, 1889	Feb. 26, 1888	98	143	17	7	265
Minnesota	Feb. 4, 1889	Jan. 26, 1888	53	189	6	4	252
Mississippi	Jan. 31, 1888	Spring, 1888	71	67	1	3	142
Missouri	June 11, 1889	Jan. 31, 1888	21	161	5	4	191
Montana	Feb. 16, 1893	July 1, 1893	38	78	1	5	122
Nebraska	Mar. 31, 1887	June 14, 1887	65	76	2	1	144
Nevada	Feb. 8, 1889	Dec. 1887	15	15	2	7	39
New Hampshire	Aug. 4, 1887	Feb. 22, 1888	10	47	7	6	70
New Jersey	Mar. 16, 1887	Mar. 5, 1888	78	90	2	2	172
New Mexico	Feb. 28, 1889	Nov. 14, 1889	25	35	2	4	66
New York:							
Cornell	Mar. 30, 1887	Apr. 30, 1888	39	152	36	51	278
State	(1)		72				72
North Carolina	Mar. 7, 1887	Dec. 5, 1889	99	109		5	213
North Dakota	Mar. 8, 1890	Oct. 15, 1890	40	47	6		93
Ohio	Mar. 16, 1887	Apr. 2, 1888	59	136	6	4	205
Oklahoma	Oct. 27, 1890	Aug. 14, 1891	72	89	9	10	180
Oregon	Feb. 25, 1889	July 2, 1888	80	120	6	6	212
Pennsylvania	June 3, 1887	June 30, 1887	1	253		3	257
Puerto Rico	Aug. 16, 1933	Nov. 14, 1935	129				129
Rhode Island	Mar. 31, 1887	Nov. 3, 1888	23	28	2	9	62
South Carolina	Dec. 22, 1887	Jan. 1888	79	37	3	4	123
South Dakota	Mar. 11, 1887	Nov. 17, 1887	29	72		5	106
Tennessee	Mar. 29, 1887	July 24, 1887	90	55	1	17	163
Texas	Apr. 2, 1887	Jan. 25, 1888	180	93	12	22	307
Utah	Mar. 8, 1888	Nov. 6, 1889	23	63	1	4	91
Vermont	Nov. 1888	Feb. 28, 1888	8	26	6	15	55
Virginia	Feb. 29, 1888	June 13, 1888	109	63	13	9	194
Washington	Mar. 9, 1891	May 1, 1891	93	85	4	2	184
West Virginia	Feb. 22, 1889	June 11, 1888	20	68	1	1	90
Wisconsin	(2)	July 1, 1887	81	115	4	23	223
Wyoming	Jan. 10, 1891	Mar. 27, 1891	24	43	1	4	72
Total			3,522	4,224	262	399	8,407

(1) First made eligible to receive part of the State allotment of Federal funds by legislative act approved May 12, 1894.
(2) Session of 1887.

TABLE 2.—Publications issued by the agricultural experiment stations during the fiscal year ended June 30, 1956

Station	Printed publications																Processed publications			
	Reports, bulletins, and circulars				Articles in journals				Periodicals				Pamphlets, leaflets, etc.				Reports, bulletins, circulars, etc.			
	Pop.	Tech.	Pages	Copies	Pop.	Tech.	Pages	Copies reprinted	Pop.	Tech.	Pages	Copies	Pop.	Tech.	Pages	Copies	Pop.	Tech.	Pages	Copies
Alabama	2	2	184	13,000		104	391	13,950	4		32	32,000	4		102	21,000	20		128	66,000
Alaska	12	3	259	40,750	1	9	101	3,550	4		9	3,500	1		2	16,910	16	8	142	11,910
Arizona	17	2	464	73,200		11		2,500	4		48	40,000						12	412	10,550
Arkansas		25	700	68,000		23	93		4		36	22,000						19	158	18,470
California	9	4	378	197,800	815	242	10,104		12	19	750	435,000	13		134	160,500	50	12	1,147	21,100
Colorado	5	1	201	51,500					18		132	159,000	2		2	3,300	27		558	20,100
Connecticut:																				
State		11	368	39,500		77	(1)	(1)	2		16	13,000	3		10	6,700	1	1	86	1,035
Storrs	1	12	452	25,200		73	365	18,250	2		24	16,000	2		16	5,000	3		34	11,500
Delaware		5	(1)	4,700		47	204	3,700									1	60	130	19,752
Florida	11	6	884	196,500	201		431	(1)	2		40	20,000	4		22	32,500	68		603	20,650
Georgia	33	5	1,555	129,000		29	116	(1)	6		32	12,000					48		560	60,185
Hawaii	1	6	160	20,500	3	9	118	3,319	4		32	10,000					1	3	46	4,500
Idaho	14	2	300	85,000		14	56	1,400												
Illinois	3	11	559	134,000		220	1,137	(1)		1	12	11,000						58	578	38,900
Indiana	5	21	706	167,000		178	1,068	(1)										44	301	190,400
Iowa	6	12	586	97,200		182	1,831	62,805	12		276	369,500	83	7	334	611,300		1	16	300
Kansas	21	26	1,320	363,935	5	68	362	91,375	131	54	668	680,217	26	22	214	87,150	93	51	1,807	85,151
Kentucky	2	11	464	50,300	14	37	163	(1)	4		60	11,000	4	9	482	66,500	3	8	158	26,500
Louisiana	3	14	567	113,500		117	441	(1)		4	32	16,000					3	83	2,037	44,570
Maine		12	422	45,000	26	35	(1)	(1)	4		104	26,650		4	142	2,950		17	151	12,750
Maryland	5	2	332	17,500	26	34	271	30,000									7	3	247	9,500
Massachusetts		11	324	19,200		41	181	8,050	2	53	253	22,250								
Michigan	16	7	818	166,000		157	667	(1)		76	1,434	119,150								
Minnesota	5	5	364	55,000		172	1,124	(1)	3		60	49,700	3		50	25,000		9	47	5,400
Mississippi	22		606	79,000	86		(1)	(1)	98		96	480,000	29		58	35,000	9		99	3,300
Missouri	26	28	1,408	232,575		103	(1)	(1)	12		48	330,000	52		52	104,000				
Montana	9	3	704	37,000		27	200	6,350										4	44	1,500
Nebraska	10	6	439	116,000		66	(1)	(1)	3		48	46,000	37		72	64,550	29		417	42,550
Nevada	6		182	22,300	7	12	55	600	4		12	2,000					5	6	75	6,400
New Hampshire	6	1	232	9,750		7	30	800	3		44	7,500					7		67	1,900
New Jersey	4	2	112	55,100		42	244	6,825	24	12	1,096	99,000	10		192	32,900	14		72	53,700
New Mexico	12		392	43,500		7	30	800									4		84	4,250
New York:																				
Cornell		14	782	62,700		726	3,083	(1)	4		64	115,000						403	5,389	(1)
State		6	270	26,700		13	76	1,400		4	64	114,000					4	33	79	10,170
North Carolina	5	8	684	68,000	4		93	470	8		52	18,200					25	8	804	45,930
North Dakota	4		192	22,500		36	139	(1)	6		222	57,300	1		2	8,000	11	38	341	41,623
Ohio	2	22	865	110,850		77	626	(1)	6		96	147,000	35		144	146,000		239	1,440	73,710
Oklahoma	16	10	552	94,800		40	219	(1)	6		120	18,000	3		156	9,250	27		138	111,985
Oregon	14	2	251	88,600		71	(1)	(1)	4		64	29,800	3		6	1,400	10	7	244	16,260
Pennsylvania	19	14	489	108,500		78	376	(1)	4		64	72,000						6	123	1,200
Puerto Rico		8	475	24,000		10	57	(1)		4	296	12,000	4		59	4,000				
Rhode Island	1	8	326	19,600		18	103	4,450									2		8	4,000
South Carolina	20		684	128,500		17	51	(1)	4		32	16,000	77	17	767	144,500		32	256	8,500
South Dakota	21	1	724	139,800		19	132	(1)	4		124	21,800	2		52	9,500	14		552	17,700
Tennessee	21	1	560	123,000	48	13	259	8,000	52	13	307	12,000					31	6	625	13,140
Texas		14	284	85,550		227	1,382	(1)	6		96	53,000	8	10	308	194,400	70	16	1,280	762,200
Utah	8	7	562	50,500	33		168	(1)	4		88	26,000	3		12	60,000	9	9	(1)	(1)
Vermont	7	5	381	29,838	3		9	47	(1)		64	21,050						1	81	1,000
Virginia	3	1	68	13,000	13	53	353	122,500									12	26	928	13,590
Washington		10	520	28,300		161	922	24,200										35	487	42,400
West Virginia	8	2	206	57,000		11	61	864	4		40	24,000					6	2	66	23,500
Wisconsin	4	9	568	64,000		431	(1)	(1)									5		72	50,000
Wyoming	12	2	268	37,500		13	55	(1)	4		64	30,000					13		81	7,975
Total	431	400	26,183	4,151,698	1,252	4,292	28,362	415,688	482	240	7,251	3,819,617	411	69	3,390	1,832,310	648	1,260	23,868	1,995,686

(1) Total unknown.

TABLE 3.—Federal funds available to the experiment stations for the year ended June 30, 1956

State	Federal-Grant Funds		Agricultural Marketing Act, Sec. 204(b)			Total Federal Funds Available
	Hatch Act Amended 1/	Regional Research Fund	Carryover from 1955	1956 Allotment	Total	
Alabama	$ 551,099.85	$ 85,250.00	$ 1,842.13	$ 4,260.00	$ 6,102.13	$ 642,451.98
Alaska	168,312.60	6,000.00		4,200.00	4,200.00	178,512.60
Arizona	212,766.47	67,570.00	1,182.78	4,000.00	5,182.78	285,519.25
Arkansas	465,574.58	69,865.00				535,439.58
California	528,844.85	118,510.00		19,900.00	19,900.00	667,254.85
Colorado	255,587.56	123,880.00	3.66	4,900.00	4,903.66	384,371.22
Connecticut:						
State	112,907.12	6,650.00				119,557.12
Storrs	112,907.12	54,490.00		10,500.00	10,500.00	177,897.12
Delaware	177,361.62	24,075.00		3,000.00	3,000.00	204,436.62
Florida	321,222.06	41,340.00	2,949.95	10,530.00	13,479.95	376,042.01
Georgia	574,208.03	125,700.00		12,746.00	12,746.00	712,654.03
Hawaii	198,253.16	20,560.00				218,813.16
Idaho	228,893.73	80,020.00	847.23	4,650.00	5,497.23	314,410.96
Illinois	545,903.24	114,000.00	7,412.19	3,800.00	11,212.19	671,115.43
Indiana	477,963.52	113,240.00	3,272.18	34,010.00	37,282.18	628,485.70
Iowa	478,218.44	181,225.00	4,177.20	37,150.00	41,327.20	700,770.64
Kansas	359,717.57	71,440.00	.03	14,800.00	14,800.03	445,957.60
Kentucky	569,101.67	88,440.00	6,606.04	9,894.00	16,500.04	674,041.71
Louisiana	413,386.96	63,225.00		3,500.00	3,500.00	480,111.96
Maine	236,310.99	60,210.00		22,500.00	22,500.00	319,020.99
Maryland	282,333.85	67,190.00	1,455.41	13,650.00	15,105.41	364,629.26
Massachusetts	266,267.53	68,951.36	2,157.81	3,200.00	5,357.81	340,576.70
Michigan	521,243.08	73,280.00	8,119.24	58,200.00	66,319.24	660,842.32
Minnesota	463,160.11	99,390.00				562,550.11
Mississippi	555,020.95	94,590.00	231.79	18,000.00	18,231.79	667,842.74
Missouri	508,765.09	70,575.00		36,475.00	36,475.00	615,815.09
Montana	224,222.37	85,600.00				309,822.37
Nebraska	322,285.41	83,250.00	2,269.47		2,269.47	407,804.88
Nevada	167,121.79	44,000.00				211,121.79
New Hampshire	194,387.20	44,140.00				238,527.20
New Jersey	260,716.48	78,200.00	1,417.24	10,500.00	11,917.24	350,833.72
New Mexico	223,312.53	60,800.00				284,112.53
New York:						
Cornell	483,370.54	138,420.00	1,406.52	5,800.00	7,206.52	628,997.06
State	53,707.83	31,400.00				85,107.83
North Carolina	748,005.36	117,315.00				865,320.36
North Dakota	263,561.51	30,500.00				294,061.51
Ohio	615,147.13	106,085.00		13,750.00	13,750.00	734,982.13
Oklahoma	404,295.99	60,425.00	265.95	23,500.00	23,765.95	488,486.94
Oregon	287,280.19	103,735.00	2,288.50	14,800.00	17,088.50	408,103.69
Pennsylvania	681,006.59	115,948.64	1,883.96	5,572.00	7,455.96	804,411.19
Puerto Rico	515,420.37	76,375.00				591,795.37
Rhode Island	174,049.55	45,890.00	101.45	3,500.00	3,601.45	223,541.00
South Carolina	454,223.92	66,590.00				520,813.92
South Dakota	261,799.22	54,900.00	255.91	7,000.00	7,255.91	323,955.13
Tennessee	574,114.94	88,515.00		2,500.00	2,500.00	665,129.94
Texas	763,560.99	122,465.00		26,275.00	26,275.00	912,300.99
Utah	203,190.37	109,590.00	746.51	5,000.00	5,746.51	318,526.88
Vermont	202,171.66	22,100.00	522.81		522.81	224,794.47
Virginia	513,178.79	96,190.00	1,035.65	2,368.00	3,403.65	612,772.44
Washington	318,280.39	158,620.00	8,871.03	30,570.00	39,441.03	516,341.42
West Virginia	397,895.03	72,360.00		2,500.00	2,500.00	472,755.03
Wisconsin	472,939.40	120,850.00				593,789.40
Wyoming	185,130.70	69,070.00	55.30	12,500.00	12,555.30	266,756.00
Total	19,549,708.00	4,193,000.00	61,377.94	500,000.00	561,377.94	24,304,085.94

1/ Includes unexpended balances from the previous year as follows:
Connecticut, $239.97; Storrs (Conn.), $1,670.54; Delaware, $150.10; Florida, $12,422.25; Hawaii, $1,756.22; Idaho, $383.55; Illinois, $1,189.38; Indiana, $777.00; Maryland, $469.23; Montana, $14.32; New York (State), $26.41; Cornell (New York), $90.46; Puerto Rico, $4,175.98; Vermont, $2,249.04; Washington, $1,928.39; and West Virginia, $7.44.

TABLE 4.—Non-Federal funds available to the experiment stations for the year ended June 30, 1956

Station	State appropriations	Special endowments, industrial fellowships, etc.	Fees	Sales	Miscellaneous	Balance from previous year	Total
Alabama	$911,375.61	$118,901.00		$698,463.06		$310,348.17	$2,039,087.84
Alaska	167,500.00			74,529.43		70,612.76	312,642.19
Arizona	531,375.65	33,392.39		57,187.58		34,086.63	656,042.25
Arkansas	495,542.05	57,191.97		262,375.83		184,803.79	999,913.64
California	7,208,724.36	621,303.37		67,877.57		656,145.85	8,554,051.15
Colorado	510,076.16	292,537.64		218,625.78		187,306.55	1,208,546.13
Connecticut:							
State	423,967.31	17,300.00					441,267.31
Storrs	450,960.00	161,162.00	$10,656.00			66,497.00	689,275.00
Delaware	179,218.00	60,018.00		107,909.18		61,569.63	408,706.81
Florida	3,240,928.50	119,650.22		374,549.26		150,987.35	3,886,115.33
Georgia	1,573,630.00	181,077.99		762,292.40	$21,260.13	243,676.87	2,781,937.39
Hawaii	450,778.37			88,901.15	33,160.99	19,313.14	592,153.65
Idaho	593,604.65	21,687.58		199,918.57		168,513.47	983,724.27
Illinois	1,807,636.78	227,432.08		292,873.64			2,327,942.50
Indiana	1,354,577.60	190,296.95	229,984.30	610,752.40	31,173.07	358,633.26	2,775,417.58
Iowa	1,775,843.85	382,854.21		559,424.42	49,184.61	529,100.81	3,296,327.90
Kansas	1,220,727.00	127,029.66		559,357.43		152,606.47	2,059,720.56
Kentucky	587,996.05	214,925.86		265,200.75			1,068,122.66
Louisiana	2,256,672.62	82,234.69		187,126.66			2,526,033.97
Maine	259,609.57	52,284.11		42,462.00		45,528.55	399,884.23
Maryland	498,229.02	60,518.64		128,231.52		114,363.54	801,342.72
Massachusetts	562,299.51						562,299.51
Michigan	1,878,160.98	263,125.51				102,146.52	2,243,433.01
Minnesota	1,622,549.21	338,351.43	8,247.13	575,678.44			2,544,826.21
Mississippi	723,273.17	67,722.99		586,312.96	359.41	301,403.77	1,679,072.30
Missouri	543,325.22	91,084.72	173,604.98	195,713.92		237,103.23	1,240,832.07
Montana	779,771.00	11,440.35		356,444.94	80,000.00	186,196.84	1,413,853.13
Nebraska	685,454.83	69,196.02		659,631.49		126,347.44	1,540,629.78
Nevada	79,219.03	2,000.00		30,968.82		3,671.37	115,859.22
New Hampshire	130,000.00	28,736.57		17,674.61			176,411.18
New Jersey	1,307,402.42	342,977.33				5,948.95	1,656,328.70
New Mexico	400,345.00	11,000.00		39,158.91	500.00		451,003.91
New York:							
Cornell	2,750,920.84	337,344.97		522,587.11			3,610,852.92
State	1,051,241.09	41,222.30		69,556.27			1,162,019.66
North Carolina	1,423,905.66	48,444.67		166,590.57	150,810.04		1,789,750.94
North Dakota	553,557.01	30,251.76	1,123.78	220,647.76	68,951.37	239,709.75	1,114,241.43
Ohio	2,194,670.91	117,866.66		293,114.97		366,489.59	2,972,142.13
Oklahoma	1,060,629.00	45,294.00		396,703.82	5,785.00	243,952.87	1,752,364.69
Oregon	1,507,822.35	92,744.68	115,083.45	206,767.66			1,922,418.14
Pennsylvania	1,043,343.87	164,126.44		168,678.48	86,292.40	112,784.75	1,575,225.94
Puerto Rico	1,116,886.00				189,650.00	97,404.36	1,403,940.36
Rhode Island	99,034.12	38,526.34		30,032.24		62,395.97	229,988.67
South Carolina	500,850.36	51,888.52		191,696.62		56,525.78	800,961.28
South Dakota	464,000.00	9,783.28		120,330.76		96,589.34	690,703.38
Tennessee	590,500.00	112,622.69		205,472.46			908,595.15
Texas	1,299,919.12	425,196.78		1,498,844.90	264,480.95	854,444.86	4,342,886.61
Utah	400,000.00	172,775.81		87,283.73	7,219.60	102,876.70	770,155.84
Vermont	145,900.00	15,825.00		4,466.39		18,256.46	183,547.85
Virginia	996,946.16			128,694.14		115,166.14	1,240,806.44
Washington	1,797,514.37	163,687.31		323,218.06	9,658.35		2,294,078.09
West Virginia	208,500.00	6,150.00		200,855.35		159,149.48	574,654.83
Wisconsin	1,521,684.00	1,537,434.00		475,385.00			3,534,503.00
Wyoming	370,233.64	13,121.91		124,164.07		28,790.55	536,310.17
Total	56,307,924.02	7,671,740.40	538,699.64	13,454,733.08	998,405.92	6,871,448.56	85,842,951.62

TABLE 5.—Expenditures and appropriations under the Hatch Act, as amended, for the fiscal year ended June 30, 1956

Station	Expenditures												Unexpended	Funds available
	Personal services	Travel	Transportation of things	Communication service	Rents and utility services	Printing and reproduction	Other contractual services	Supplies and materials	Equipment	Lands and structures (contractual)	Contributions to retirement	Taxes and assessments			
Alabama	$381,456.89	$30,132.22	$974.45	$1,650.47	$3,339.97		$9,193.29	$60,810.27	$41,628.52	$21,913.77			$551,099.85		$551,099.85
Alaska	144,295.51	2,301.41	51.79		105.00	$645.62	1,200.97	11,900.65	4,848.18	2,835.34		$128.13	168,312.60		168,312.60
Arizona	151,937.95	7,487.52	519.71	820.63	41.38	2,138.71	1,790.49	20,114.73	19,054.67	1,682.97	$4,890.75	2,286.96	212,766.47		212,766.47
Arkansas	326,433.95	13,187.54	301.05	3.15	5,232.76	6,951.22	11,874.31	43,215.79	48,693.49	3,962.38	5,718.94		465,574.58		465,574.58
California	507,111.84	1,843.83	82.40				4,519.89	6,475.05	8,811.84				528,844.85		528,844.85
Colorado	183,757.05	11,963.12	781.59	869.07	2,137.74	204.27	3,869.78	29,347.46	16,699.57	36.95	5,920.96		255,587.56		255,587.56
Connecticut:															
State	72,109.21	1,282.84				4,243.29	2,808.66	7,372.51	24,603.64				112,414.15	$492.97	112,907.12
Storrs	76,221.15	2,788.58	22.39		401.49	1,965.60	326.58	8,868.47	22,311.33				112,905.59	1.53	112,907.12
Delaware	126,249.32	6,747.90	358.61	2,976.00	110.00	1,426.33	4,766.75	21,762.21	12,964.50				177,361.62		177,361.62
Florida	234,283.68	5,744.96	112.53	10.00	1,303.06	56.19	1,141.60	32,596.07	37,943.68				313,191.77	8,030.29	321,222.06
Georgia	444,548.97	9,604.99	231.52	10.02	2,428.74	7,707.28	6,789.67	50,071.91	46,948.99	5,865.94			574,208.03		574,208.03
Hawaii	165,555.23	5,423.81	290.53	78.55		94.65	1,066.36	8,279.44	17,464.59				198,253.16		198,253.16
Idaho	178,642.47	10,227.61	61.30	99.70	378.89	2,543.21	773.18	26,725.41	7,557.70	1,884.26			228,893.73		228,893.73
Illinois	380,066.63	15,564.58	596.57	310.16	924.33	974.37	5,681.88	68,415.62	61,351.91		12,017.19		545,903.24		545,903.24
Indiana	361,242.47	7,685.54	663.29	149.39	987.98	9.58	2,880.74	70,212.91	31,204.65	1,345.11			476,381.66	1,581.86	477,963.52
Iowa	469,979.52		1.51	42.44		15.20		4,839.81	3,339.96				478,218.44		478,218.44
Kansas	325,628.30	2,680.96	1.24	5.83	862.28	140.92	3,002.73	17,217.12	5,646.73			4,170.74	359,356.85	360.72	359,717.57
Kentucky	412,586.48	14,115.90	193.65	1,739.26	2.76	7,623.11	14,625.13	64,759.72	47,136.35			6,323.31	569,101.67		569,101.67
Louisiana	286,239.68	13,181.48	267.03	1,164.46	2,634.59	1,205.02	1,608.59	57,234.44	40,761.05	9,090.62			413,386.96		413,386.96
Maine	194,056.07	9,455.81	249.22	555.67	321.15	725.99	2,412.90	22,920.34	5,450.84	163.00			236,310.99		236,310.99
Maryland	175,756.95	10,564.22	222.95	306.20	200.32	1,176.78	7,424.65	44,133.86	25,310.25	15,179.75			280,275.93	2,057.92	282,333.85
Massachusetts	177,386.32	6,208.74	674.88	57.41		1,299.59	17,695.81	33,025.12	29,919.66				266,267.53		266,267.53
Michigan	513,743.08					7,500.00							521,243.08		521,243.08
Minnesota	348,917.25	15,943.13	743.09	337.48	832.38	3,503.37	8,705.96	42,637.47	39,788.55		1,751.43		463,160.11		463,160.11
Mississippi	415,740.86	9,815.51	2,154.56	2,196.47	11,193.99	2,534.82	7,317.39	70,481.15	33,062.02	524.18			555,020.95		555,020.95
Missouri	364,166.47	12,522.64	802.96	2,062.54	5,590.65	142.43	20,987.56	86,015.53	16,008.09	466.22			508,765.09		508,765.09
Montana	180,697.19	4,479.52	119.94	183.27		2,608.02	10,900.13	14,935.46	10,298.84				224,222.37		224,222.37
Nebraska	312,742.85	755.64	5.59			19.95	2,022.60	2,723.46	4,015.32				322,285.41		322,285.41
Nevada	110,692.86	4,789.69	234.96	1,302.24	3,079.91	1,542.93	3,030.02	26,742.22	13,532.28	2,174.68			167,121.79		167,121.79
New Hampshire	164,082.90	1,645.67	192.31	62.70		50.15	241.12	10,743.82	9,922.53	7,446.00			194,387.20		194,387.20
New Jersey	190,698.66	3,125.15	99.67	1,176.56	893.73	219.05	6,867.67	27,110.68	30,525.31				260,716.48		260,716.48
New Mexico	185,400.96	3,567.44	408.50	241.07	5,023.71		2,791.80	15,236.29	10,392.76	250.00			223,312.53		223,312.53
New York:															
Cornell	292,930.65	20,648.45	190.28	420.40	1,617.81	1,909.67	25,057.10	71,616.81	68,972.41				483,363.58	6.96	483,370.54
State	36,045.02	49.90	10.50	86.10			1,889.95	2,663.37	12,891.28				53,636.12	71.71	53,707.83
North Carolina	580,289.97	8,960.82	302.18	1,301.58	2,690.83	3,158.30	18,563.45	52,293.57	63,311.56	17,133.10			748,005.36		748,005.36
North Dakota	223,356.54	4,894.87	274.42	271.08	2,243.46	231.07	1,911.86	15,303.82	7,309.21	408.37	7,356.81		263,561.51		263,561.51
Ohio	529,558.66	16,795.26	85.83	48.50	462.91	519.75	4,695.62	26,966.32	36,014.28				615,147.13		615,147.13
Oklahoma	310,035.87	8,699.47	56.32	220.99	2,686.13		10,348.13	58,407.78	13,569.81	271.49			404,295.99		404,295.99
Oregon	259,872.01	7,287.75	22.25	130.69	37.09	23.76	4,043.56	9,123.84	6,739.24				287,280.19		287,280.19
Pennsylvania	465,039.69	9,925.05	1,134.17	754.08	470.56	9,850.61	4,891.24	74,124.75	52,594.57	62,221.87			681,006.59		681,006.59
Puerto Rico	343,741.59	9,921.07	243.46		3,057.72	5,360.74	531.36	83,360.59	62,250.39				508,466.92	6,953.45	515,420.37
Rhode Island	131,289.55	2,452.39	19.41	1,018.50	1,236.97	2,026.63	787.29	20,560.71	14,658.10				174,049.55		174,049.55
South Carolina	325,880.55	7,505.25	786.82	921.22	2,331.71	5,930.19	8,149.15	52,354.45	46,864.58	3,500.00			454,223.92		454,223.92
South Dakota	170,524.44	4,513.38	303.36	483.33	477.09	12,655.99	11,206.26	38,042.47	23,592.90				261,799.22		261,799.22
Tennessee	455,477.72	14,055.68	867.72	400.93	518.46	974.85	8,779.82	49,736.76	33,557.76	8,104.34			572,474.04	1,640.90	574,114.94
Texas	512,953.56	34,927.42	440.48	3,511.60	4,329.02	5,017.87	65,273.33	54,042.89	65,341.15	9,068.72		8,654.95	763,560.99		763,560.99
Utah	168,874.19	5,739.52	432.99	10.00	632.84	915.91	1,837.84	20,779.13	3,305.75	662.20			203,190.37		203,190.37
Vermont	153,539.52	4,373.44	434.36	389.39	1,916.13	4,004.19	5,486.43	13,689.71	17,847.94	255.36		235.19	202,171.66		202,171.66
Virginia	439,936.90	5,829.78	111.07	136.49	2,675.44	1,146.13	2,247.65	61,095.33					513,178.79		513,178.79
Washington	243,873.60	9,440.89	906.68	162.67	55.00	33.88	9,165.78	28,287.65	21,348.58	5,005.66			318,280.39		318,280.39
West Virginia	308,339.05	11,643.02	148.83	1,169.88	394.27	4,226.88	3,840.49	43,093.45	20,891.40	635.00		3,244.02	397,625.40	269.63	397,895.03
Wisconsin	274,886.01	13,564.69	652.99	28.12	2,000.57	2,837.81	8,369.89	108,686.46	48,915.44	13,017.42			472,939.40		472,939.40
Wyoming	149,788.56	4,490.27	236.99	1,132.44	50.44	44.35	1,512.84	9,414.87	13,796.83	4,659.93			185,127.52	3.18	185,130.70
Total	14,938,636.37	450,556.32	19,080.90	31,003.93	77,911.26	120,136.23	366,907.16	1,900,569.72	1,360,978.98	199,764.63	37,656.08	25,043.30	19,528,236.88	21,471.12	19,549,708.00

TABLE 6.—Expenditures and funds available under the Regional Research Fund for the year ended June 30, 1956

Station	Expenditures													Unexpended	Funds available
	Personal services	Travel	Transportation of things	Communication service	Rents and utility services	Printing and reproduction	Other contractual services	Supplies and materials	Equipment	Lands and structures (contractual)	Contributions to retirement	Taxes and assessments	Total expenditures		
Alabama	$71,508.51	$794.64	$26.49	$102.20	$375.91		$133.59	$5,989.33	$4,000.33	$2,319.00			$85,250.00		$85,250.00
Alaska	5,347.14	551.92					49.21	41.60				$10.13	6,000.00		6,000.00
Arizona	44,511.45	3,458.35	37.84	981.94	1,465.81	$1,273.11	1,746.34	6,543.41	5,387.61		$1,373.55	790.59	67,570.00		67,570.00
Arkansas	52,548.41	2,836.74	2.12		1,640.79		543.05	3,657.58	8,096.31	150.00	390.00		69,865.00		69,865.00
California	107,516.40	4,723.11				1,321.49	1,321.87	1,637.26	1,989.87				118,510.00		118,510.00
Colorado	79,502.51	10,432.47	250.95	1,361.04	1,054.25	234.92	1,526.19	14,591.69	12,813.00	169.80	1,943.18		123,880.00		123,880.00
Connecticut:															
State	3,000.00						42.75	187.07	3,420.18				6,650.00		6,650.00
Storrs	31,076.22	1,644.78				460.95	362.23	6,215.78	14,116.87				53,876.83	$613.17	54,490.00
Delaware	10,233.51	805.94	29.75	189.80	599.72		162.17	6,599.40	5,454.71				24,075.00		24,075.00
Florida	31,519.96	4,106.93	15.89			31.52	47.10	2,556.93	2,438.88				40,717.21	622.79	41,340.00
Georgia	83,437.29	3,585.96	169.60	117.11	1,422.79	210.30	1,725.32	22,365.66	11,475.03	1,190.94			125,700.00		125,700.00
Hawaii	8,556.08	5,739.38	237.35		51.94	9.55	125.25	2,004.73	3,408.44				20,132.72	427.28	20,560.00
Idaho	65,190.03	5,842.54	74.25		59.56	358.28	105.31	4,384.13	4,005.90				80,020.00		80,020.00
Illinois	76,539.98	5,320.55	50.09		228.69		410.62	2,488.54	10,067.19	16,546.14		2,087.55	113,739.35	260.65	114,000.00
Indiana	56,009.52	4,613.65	143.92		81.20	1,161.76	58.35	387.47	37,110.83	4,877.18	7,384.41		111,828.29	1,411.71	113,240.00
Iowa	86,267.55	12,707.60	531.03		307.54	3,312.83	3,527.12		45,456.28	12,615.05	16,500.00		181,225.00		181,225.00
Kansas	38,012.52	7,467.00			86.80	187.50	39.49	6,787.10	12,599.26	5,724.52		470.14	71,374.33	65.67	71,440.00
Kentucky	59,132.65	2,340.48	19.41		234.72		142.50	1,190.09	12,999.33	7,694.06		690.74	84,443.98	3,996.02	88,440.00
Louisiana	32,007.67	6,485.68	242.21		91.77	1,287.87		144.69	14,400.30	8,007.05	200.00		62,867.24	357.76	63,225.00
Maine	45,270.57	3,790.65	166.03		179.59	435.60		643.99	5,128.71	4,594.86			60,210.00		60,210.00
Maryland	36,801.17	1,993.44	76.32		137.17	373.27	336.48	5,755.92	14,706.22	5,223.83			65,403.82	1,786.18	67,190.00
Massachusetts	39,573.60	3,050.23	171.87		12.26		260.04	5,521.12	10,904.68	9,428.93			68,922.73	28.63	68,951.36
Michigan	43,345.29	3,403.32	60.18		74.10	250.00	266.33	5,267.02	8,663.16	11,945.04			73,274.44	5.56	73,280.00
Minnesota	66,692.36	9,876.47	307.10		61.65	132.60	671.73	2,526.22	9,786.73	9,335.14			99,390.00		99,390.00
Mississippi	66,592.48	2,701.16	223.43		400.36	2,018.79	1,350.73	1,608.46	10,757.04	8,937.55			94,590.00		94,590.00
Missouri	50,875.92	4,431.79	54.74		172.97	360.83	46.37	3,132.92	8,578.69	2,920.77			70,575.00		70,575.00
Montana	55,398.72	6,320.04	337.02		60.40	329.00	196.56	3,402.95	10,398.22	9,043.70			85,396.61	203.39	85,600.00
Nebraska	53,323.72	5,591.73	45.98					7,026.02	11,228.64	5,958.64			83,174.73	75.27	83,250.00
Nevada	27,552.61	4,160.55	1,965.44		273.66	58.11	22.00	1,040.97	4,974.75	3,722.87	229.04		44,000.00		44,000.00
New Hampshire	21,730.69	4,747.21	763.32		80.58	184.17	61.00	131.69	9,979.28	6,462.06			44,140.00		44,140.00
New Jersey	34,272.29	3,827.56	152.23		6.00	96.00	194.65	1,091.10	7,490.66	28,653.47			75,783.96	2,416.04	78,200.00
New Mexico	41,553.46	5,271.72	146.04		120.70	561.21		1,538.81	5,992.52	5,615.54			60,800.00		60,800.00
New York:															
Cornell	81,428.14	13,799.86	74.28		351.31	947.70	1,953.78	5,970.53	17,486.53	15,247.37			137,259.50	1,160.50	138,420.00
State	23,593.09	716.12	48.67		40.30			756.60	2,603.54	3,609.65			31,367.97	32.03	31,400.00
North Carolina	93,719.61	827.89			119.78		123.92	1,857.05	5,074.19	4,546.56	11,055.00		117,315.00		117,315.00
North Dakota	17,896.99	3,868.38	26.98		187.40	73.92		2,976.68	3,220.28	2,002.62		326.75	30,500.00		30,500.00
Ohio	88,942.21	6,828.01	39.83					1,492.64	888.57	7,893.74			106,085.00		106,085.00
Oklahoma	44,726.57	2,196.74	66.04					1,540.63	7,988.34	3,906.68			60,425.00		60,425.00
Oregon	93,595.20	5,024.63	41.77		111.00	21.25	28.40	1,139.32	2,337.16	1,435.07			103,733.80	1.20	103,735.00
Pennsylvania	59,211.77	5,933.94	104.26		141.88	379.48		2,067.01	28,458.10	17,484.02	1,764.49		115,544.95	403.69	115,948.64
Puerto Rico	43,971.60	5,595.26	150.00			338.63		21.00	16,859.07	9,023.92	235.32		76,194.80	180.20	76,375.00
Rhode Island	43,273.05	1,820.09	2.35					16.17	748.79	26.81			45,887.26	2.74	45,890.00
South Carolina	47,363.28	1,581.19	98.47		27.14	220.51	12.73	1,346.38	6,369.75	9,550.55			66,590.00		66,590.00
South Dakota	30,693.30	3,501.52	57.82		24.88	179.50	123.49	2,580.18	8,505.50	8,596.75			54,262.94	637.06	54,900.00
Tennessee	74,988.64	1,726.13	8.01		65.86	27.80		477.75	4,357.50	5,244.79	1,618.52		88,515.00		88,515.00
Texas	81,039.02	4,301.11	258.08		839.65	976.04	394.65	4,540.07	16,126.82	11,343.83	1,596.32	1,049.41	122,465.00		122,465.00
Utah	65,532.78	5,293.88	210.41		31.63	1,182.68	859.76	4,440.48	24,349.73	7,599.65	89.00		109,590.00		109,590.00
Vermont	15,698.14	1,876.52			70.88	233.91	4.61	354.58	819.52	2,992.91		48.93	22,100.00		22,100.00
Virginia	78,638.44	3,816.12	18.37		319.98	3,752.36		3,236.97	4,308.31	2,107.45			96,190.00		96,190.00
Washington	88,321.61	11,185.40	523.32		49.61	366.00	142.98	7,369.75	19,131.94	16,927.66	13,335.49	210.43	157,698.04	921.96	158,620.00
West Virginia	31,852.05	6,614.47	86.55		7.44	764.92	2,882.70	795.48	15,586.98	13,494.65			72,085.24	274.76	72,360.00
Wisconsin	67,905.81	9,787.85	124.86		14.55	3,174.69	2,146.49	2,733.41	17,006.27	7,971.25	9,197.95		120,063.13	786.87	120,850.00
Wyoming	35,329.35	6,128.48	135.17		813.10	1,509.94	27.02	1,676.36	8,756.75	14,234.18	459.65		69,070.00		69,070.00
Total	2,732,628.93	245,047.18	8,367.84		8,601.14	31,816.42	19,826.34	104,984.50	538,890.70	409,153.64	67,494.93	6,331.46	3,193.79	4,176,328.87	16,671.13	4,193,000.00

TABLE 7.—Expenditures and funds available under the Agricultural Marketing Act, Section 204(b), for the year ended June 30, 1956

Station	Expenditures													Unexpended	Funds available [1]
	Personal services	Travel	Transportation of things	Communication service	Rents and utility services	Printing and reproduction	Other contractual services	Supplies and materials	Equipment	Lands and structures (contractual)	Contributions to retirement	Taxes and assessments	Total expenditures		
Alabama	$3,863.00	$246.14						$42.24					$4,151.38	$1,950.75	$6,102.13
Alaska	3,399.39	53.88						46.37	$697.61			$2.75	4,200.00		4,200.00
Arizona	1,919.71	1,471.08	$4.19	$121.21		$1,133.18	$410.37	42.69			$49.90	30.45	5,182.78		5,182.78
California	9,683.12	240.41	19.09				526.16	4,000.31	5,430.91				19,900.00		19,900.00
Colorado	4,103.50	269.34		3.00			2.50	33.75	491.57				4,903.66		4,903.66
Connecticut:															
Storrs	9,072.40	797.72				142.46		47.99	258.27				10,318.84	181.16	10,500.00
Delaware	1,775.00	121.39					65.73	6.36	89.91				2,058.39	941.61	3,000.00
Florida	10,105.01	1,120.17				41.42	1,270.90	121.00	658.75				13,317.25	162.70	13,479.95
Georgia	5,633.87	1,019.94				723.40	96.99	153.73	435.71				8,063.64	4,682.36	12,746.00
Idaho	2,777.90		8.51		$19.55			296.69					3,102.65	2,394.58	5,497.23
Illinois	4,529.68	1,252.94		5.30				65.48	865.00				6,718.40	4,493.79	11,212.19
Indiana	28,710.43	769.15	56.43	6.60	173.89		625.98	2,146.61	3,728.33				36,217.42	1,064.76	37,282.18
Iowa	23,624.21	2,812.00	93.36	21.00				7,939.80	6,151.37				40,641.74	685.46	41,327.20
Kansas	14,393.48	32.95					66.84	75.74				196.98	14,765.99	34.04	14,800.03
Kentucky	13,327.32	1,296.35		5.95		50.00	66.00	242.04	19.00			162.13	15,168.79	1,331.25	16,500.04
Louisiana	2,706.88	510.12					7.18	12.82	263.00				3,500.00		3,500.00
Maine	14,878.69	1,533.30	223.54	289.67	672.22		574.58	2,006.40	1,701.43				21,879.83	620.17	22,500.00
Maryland	10,246.86	1,805.35		23.90		1,113.92	96.37	38.00					13,324.40	1,781.01	15,105.41
Massachusetts	4,544.61	133.93	129.27					550.00					5,357.81		5,357.81
Michigan	45,333.65	1,328.78	9.88	319.92	23.70	1,099.52	12,330.73	1,758.69	3,064.37				65,269.24	1,050.00	66,319.24
Mississippi	12,562.66	126.80	15.71	141.04	212.80	638.08	30.20	894.89	1,085.34				15,707.52	2,524.27	18,231.79
Missouri	22,004.80	2,047.82		101.25	23.00	105.67	911.80	3,355.37	2,141.58				30,691.29	5,783.71	36,475.00
Nebraska	2,130.42	139.05											2,269.47		2,269.47
New Jersey	8,005.40	186.70					330.00	844.06	2,278.83				11,644.99	272.25	11,917.24
New York:															
Cornell	40.00	340.50				72.00	900.00	543.50	4,078.19				5,974.19	1,232.33	7,206.52
Ohio	9,602.55	2,768.60		2.54	117.60		1,227.15	31.56					13,750.00		13,750.00
Oklahoma	18,676.89	126.10							14.00				18,816.99	4,948.96	23,765.95
Oregon	15,681.25	623.41					136.94	85.94	122.74				16,650.28	438.22	17,088.50
Pennsylvania	3,639.00	736.72					1,026.60	803.50					6,205.82	1,250.14	7,455.96
Rhode Island	2,583.42	57.57				570.00		10.95	246.28				3,468.22	133.23	3,601.45
South Dakota	4,111.39	439.55	2.49	52.12		78.08	361.17	427.34	1,474.20				6,946.34	309.57	7,255.91
Tennessee	375.00		3.00					481.30	1,531.18				2,390.48	109.52	2,500.00
Texas	13,958.07	2,149.96	1.54	513.72	705.03	17.85	809.68	4,810.74	1,996.46			205.22	25,168.27	1,106.73	26,275.00
Utah	4,800.49	30.50	109.10		25.00	4.00	19.13	156.99	475.91	$125.39			5,746.51		5,746.51
Vermont	56.50	35.00				431.31							522.81		522.81
Virginia	3,267.84	135.81											3,403.65		3,403.65
Washington	23,383.92	2,594.45	28.84	27.74		219.82	515.62	2,889.20	37.65				29,697.24	9,743.79	39,441.03
West Virginia	1,238.10	1,007.25				190.69		45.11				18.85	2,500.00		2,500.00
Wyoming	6,060.00	1,532.97	1,309.32	125.51		3.38	1,703.29	613.42	1,207.41				12,555.30		12,555.30
Total	366,806.41	31,893.70	2,014.27	1,760.47	1,972.79	6,634.78	24,111.91	35,620.58	40,545.00	125.39	49.90	616.38	512,151.58	49,226.36	561,377.94

[1] Included are allotments from the appropriation for fiscal year 1956 plus unexpended balances of allotments from the appropriation for fiscal year 1955.

TABLE 8.—Expenditures from non-Federal funds for the year ended June 30, 1956

Station	Personal services	Travel	Transportation of things	Communication servics	Rents and utility services	Printing and reproduction	Other contractual services	Supplies and materials	Equipment	Lands and structures (contractual)	Contributions to retirement	Taxes and assessments	Total	Unexpended balance
Alabama	$794,632.51	$38,642.65	$7,367.99	$10,911.45	$39,580.44	$6,364.08	$96,635.37	$428,449.37	$99,436.05	$30,753.75		$8,454.36	$1,561,228.02	$477,859.82
Alaska	124,861.97	2,470.36	2,317.14	318.34	913.51	1,083.67	23,403.34	25,426.35	7,374.91	65,786.81		3,660.38	257,616.78	55,025.41
Arizona	421,229.25	12,479.14	2,695.95	4,974.06	9,048.06	10,203.91	36,823.83	43,181.10	51,485.08	6,117.24	$731.88	6,035.16	605,004.66	51,037.59
Arkansas	389,715.46	14,992.14	4,237.91	7,295.06	25,111.63	10,863.14	37,418.85	175,617.21	55,093.37	7,875.06		9,348.20	737,568.03	262,345.61
California	5,996,811.63	283,191.08	9,669.30	94,566.83	71,289.32	96,841.77	251,429.56	579,401.15	368,065.01				7,751,265.65	802,785.50
Colorado	504,231.48	23,912.23	5,005.37	8,036.14	33,242.60	7,945.18	63,161.36	202,338.01	95,655.91	31,547.70	13,756.91		988,832.89	219,713.24
Connecticut:														
State	363,896.77	1,597.53	312.87	3,321.13	11,091.96	4,576.12	10,029.69	27,218.72	5,650.46	6,379.71			434,074.96	7,192.35
Storrs	453,064.00	3,743.00	309.00	277.00	2,868.00	3,823.00	3,203.00	68,786.00	11,251.00	50,866.00			598,190.00	91,085.00
Delaware	220,229.52	6,425.60	2,627.09	1,749.07	8,234.56	5,741.03	11,159.25	74,536.08	21,063.40	6,000.00			357,765.60	50,941.21
Florida	2,496,454.17	100,833.46	4,068.02	23,975.85	60,713.40	17,107.81	69,102.80	417,586.99	151,604.06	33,473.42			3,374,919.98	511,195.35
Georgia	1,066,903.35	38,670.96	2,117.83	16,489.86	61,648.16	24,215.12	43,999.70	520,596.76	169,770.49	150,736.85	10,653.37	47,366.36	2,153,168.81	628,768.58
Hawaii	424,383.41	5,186.23	475.46	3,782.34	11,188.91	5,484.75	25,816.58	74,181.82	16,257.81	350.00			567,107.31	25,046.34
Idaho	367,511.00	17,894.12	452.32	6,072.53	13,945.23	4,275.04	10,123.24	152,575.57	58,494.97	70,859.99	567.26	2,322.04	705,093.31	278,630.96
Illinois	1,739,223.13	90,000.00		30,000.00		70,000.00	45,000.00	296,327.07	54,752.64	2,639.66			2,327,942.50	
Indiana	1,472,949.31	56,293.85	9,077.42	24,154.23	44,724.03	20,923.22	118,834.42	583,496.93	150,281.99	55,297.28			2,536,032.68	239,384.90
Iowa	1,196,721.90	110,783.49	4,241.37	12,538.07		14,311.39		863,943.53	117,837.62	321,769.97	86,243.00		2,728,390.34	567,937.56
Kansas	1,080,664.22	27,644.96	4,683.51	9,102.31	41,264.34	22,837.29	60,129.85	296,351.69	209,378.43			14,720.77	1,766,777.37	292,943.19
Kentucky	644,113.52	26,323.55	941.84	5,837.39	31,802.37	2,779.90	78,511.04	142,692.39	74,193.93	49,066.99		11,859.74	1,068,122.66	
Louisiana	1,410,767.18	58,174.29	2,609.72	15,500.30	38,471.56	3,612.13	47,956.42	415,095.85	157,035.81	376,810.71			2,526,033.97	
Maine	207,795.58	22,236.10	3,004.34	2,992.52	12,435.48	9,054.88	13,684.55	51,286.87	25,970.43	12,441.55			360,902.30	38,981.93
Maryland	479,651.61	11,904.18	741.25	2,288.61	5,751.52	3,897.34	30,349.07	133,518.95	32,983.71	13,231.30			714,317.54	87,025.18
Massachusetts	491,600.29	6,285.78	136.00	2,000.71	2,133.64	4,179.32	25,636.34	20,053.02	10,274.41				562,299.51	
Michigan	1,563,623.12	55,485.43	2,758.43	5,688.48	12,397.22	43,770.71	122,390.25	207,971.08	172,279.93				2,186,364.65	57,068.36
Minnesota	1,724,111.44	32,825.44	6,551.80	16,424.80	45,516.29	9,124.33	195,795.10	370,900.81	135,543.16	8,033.04			2,544,826.21	
Mississippi	656,876.27	14,948.97	8,045.57	9,912.11	44,645.97	11,904.66	61,158.66	322,311.03	130,702.88	44,244.64	47,212.19		1,351,962.95	327,109.35
Missouri	467,866.04	36,599.45	1,779.24	7,187.12	19,539.84	38,109.87	79,866.87	140,383.50	56,727.65	5,036.89	511.74		853,608.21	387,223.86
Montana	601,104.02	18,933.39	3,320.38	7,636.04	43,456.73	6,944.60	20,884.40	207,597.27	63,819.64	70,762.03	42,173.71		1,086,632.21	327,220.92
Nebraska	813,838.69	38,153.65	17,888.33	19,402.02	9,081.44	56,592.16	15,447.47	212,999.98	224,176.88	5,854.23		7,034.39	1,420,469.24	120,160.54
Nevada	54,202.47	3,483.15	629.19	408.41	1,318.48	2,773.63	4,984.38	22,232.68	19,525.48	3,249.68		152.79	112,960.34	2,898.88
New Hampshire	114,063.26	5,693.95	531.67	1,525.15	1,890.48	2,151.84	209.40	39,066.62	7,811.88				172,944.25	3,466.93
New Jersey	1,111,156.05	31,472.55	1,318.61	20,888.51	51,539.05	13,426.43	141,179.43	161,965.27	74,929.63	40,179.46			1,648,054.99	8,273.71
New Mexico	268,216.04	6,060.03	662.81	1,631.56	7,630.51	5,229.28	16,241.59	36,273.85	27,131.68	20,206.87	23,114.71		412,398.93	38,604.98
New York:														
Cornell	2,612,339.28	43,776.76	5,114.26	31,083.17	219,021.94	11,884.90	173,731.41	394,738.77	107,403.75	11,758.68			3,610,852.92	
State	930,192.31	11,929.48	1,476.60	5,712.51	19,102.14	15,781.14	16,040.32	93,670.49	29,081.43	39,033.24			1,162,019.66	
North Carolina	1,243,773.15	38,997.93	3,107.10	20,495.41	22,033.66	14,736.38	125,470.38	190,569.28	112,066.75	18,500.90			1,789,750.94	
North Dakota	390,708.46	17,077.89	2,036.26	3,652.80	30,358.84	8,571.68	103,440.18	100,953.87	48,453.76	146,376.78	22,906.58		874,537.10	239,704.33
Ohio	1,179,367.84	25,138.63	7,550.08	13,292.09	29,509.79	3,288.10	26,271.22	342,633.85	71,704.05	63,147.56	2,910.17		1,764,813.38	1,207,328.75
Oklahoma	804,995.36	40,462.38	3,418.17	8,760.12	40,853.97	14,972.62	84,655.53	326,737.03	95,140.67	63,199.01	15,539.86		1,498,734.72	253,629.97
Oregon	1,260,810.11	71,359.65	7,649.53	13,342.40	19,844.90	14,891.90	49,346.76	261,049.01	98,951.46	49,168.86	68,354.38	7,649.18	1,922,418.14	
Pennsylvania	1,084,813.74	42,263.60	1,472.67	4,091.01	5,555.14	15,195.15	6,775.95	171,527.42	66,176.26	27,138.13			1,425,009.07	150,216.87
Puerto Rico	795,665.70	8,867.63	4,229.72	9,237.72	33,877.58	14,933.49	14,524.56	145,656.07	178,524.91	24,802.09	45,953.75	28,310.51	1,304,583.73	99,356.63
Rhode Island	130,374.38	1,197.99	100.26	446.55	2,226.27	825.36	6,075.87	8,759.82	1,662.98				151,669.48	78,319.19
South Carolina	467,116.10	10,341.89	8,151.99	5,161.17	10,627.89	5,197.85	45,042.36	136,326.27	40,351.05	10,993.43			739,310.00	61,651.28
South Dakota	349,869.22	16,361.54	8,418.63	4,538.13	2,616.15	7,106.12	15,953.71	92,248.65	83,204.48				580,316.63	110,386.75
Tennessee	439,172.39	21,238.63	4,722.57	10,607.02	14,375.71	11,176.20	34,466.76	174,227.87	61,099.61	102,444.31	24,088.89		897,619.96	10,975.19
Texas	1,793,011.15	66,018.51	4,527.28	29,004.20	92,848.05	4,642.77	251,338.33	420,353.43	284,991.25	180,364.09	89,982.00	99,861.05	3,316,942.11	1,025,944.50
Utah	342,372.97	19,537.49	4,034.45	10,166.86	21,738.28	10,363.35	28,810.65	101,247.15	59,048.44	23,816.60	24,045.03		645,181.27	124,974.57
Vermont	75,714.51	3,169.36	124.35	2,131.89	7,553.60	4,265.49	25,629.84	5,558.20	3,482.52	244.70	6,389.17	3,649.49	137,913.12	45,634.73
Virginia	772,882.28	43,302.08	4,876.43	12,919.53	59,980.11	3,283.64	41,417.29	189,134.63	102,826.65	10,183.80			1,240,806.44	
Washington	1,531,745.04	62,905.30	12,318.92	11,915.02	23,729.06	18,175.45	65,128.71	373,606.55	100,748.83	9,790.32	84,014.89		2,294,078.09	
West Virginia	206,460.12	4,914.76	1,018.38	4,145.33	20,477.17	1,485.57	26,091.26	85,101.71	28,235.72	709.64		414.50	379,054.16	195,600.67
Wisconsin	2,238,306.00	41,229.00	3,165.00	2,949.00	12,728.00	13,585.00	64,925.00	489,543.00	94,778.00	573,295.00			3,534,503.00	
Wyoming	282,015.64	27,464.87	2,330.43	3,240.71	12,919.42	6,803.08	24,234.99	89,401.23	40,596.94	961.81			489,969.12	46,341.05
Total	48,654,174.41	1,820,896.08	200,420.81	583,780.64	1,464,452.40	741,312.84	2,989,936.89	11,507,407.82	4,565,089.81	2,845,499.78	609,149.49	250,838.92	76,232,959.89	9,609,991.73

TABLE 9.—Summary by States of expenditures of the experiment stations for the year ended June 30, 1956

State	Federal-grant funds: Hatch Act, as amended	Federal-grant funds: Regional Research Fund	Federal-grant funds: Total	Contractual Federal funds, Agricultural Marketing Act Sec. 204(b)	Total Federal funds	Non-Federal funds	Grand total
Alabama	$551,099.85	$85,250.00	$636,349.85	$4,151.38	$640,501.23	$1,561,228.02	$2,201,729.25
Alaska	168,312.60	6,000.00	174,312.60	4,200.00	178,512.60	257,616.78	436,129.38
Arizona	212,766.47	67,570.00	280,336.47	5,182.78	285,519.25	605,004.66	890,523.91
Arkansas	465,574.58	69,865.00	535,439.58		535,439.58	737,568.03	1,273,007.61
California	528,844.85	118,510.00	647,354.85	19,900.00	667,254.85	7,751,265.65	8,418,520.50
Colorado	255,587.56	123,880.00	379,467.56	4,903.66	384,371.22	988,832.89	1,373,204.11
Connecticut:							
State	112,414.15	6,650.00	119,064.15		119,064.15	434,074.96	553,139.11
Storrs	112,905.59	53,876.83	166,782.42	10,318.84	177,101.26	598,190.00	775,291.26
Delaware	177,361.62	24,075.00	201,436.62	2,058.39	203,495.01	357,765.60	561,260.61
Florida	313,191.77	40,717.21	353,908.98	13,317.25	367,226.23	3,374,919.98	3,742,146.21
Georgia	574,288.03	125,700.00	699,988.03	8,063.64	707,971.67	2,153,168.81	2,861,140.48
Hawaii	198,253.16	20,132.72	218,385.88		218,385.88	567,107.31	785,493.19
Idaho	228,893.73	80,020.00	308,913.73	3,102.65	312,016.38	705,093.31	1,017,109.69
Illinois	545,903.24	113,739.35	659,642.59	6,718.40	666,360.99	2,327,942.50	2,994,303.49
Indiana	476,381.66	111,828.29	588,209.95	36,217.42	624,427.37	2,536,032.68	3,160,460.05
Iowa	478,218.44	181,225.00	659,443.44	40,641.74	700,085.18	2,728,390.34	3,428,475.52
Kansas	359,356.85	71,374.33	430,731.18	14,765.99	445,497.17	1,766,777.37	2,212,274.54
Kentucky	569,101.67	84,443.98	653,545.65	15,168.79	668,714.44	1,068,122.66	1,736,837.10
Louisiana	413,386.96	62,867.24	476,254.20	3,500.00	479,754.20	2,526,033.97	3,005,788.17
Maine	236,310.99	60,210.00	296,520.99	21,879.83	318,400.82	360,902.30	679,303.12
Maryland	280,275.93	65,403.82	345,679.75	13,324.40	359,004.15	714,317.54	1,073,321.69
Massachusetts	266,267.53	68,922.73	335,190.26	5,357.81	340,548.07	562,299.51	902,847.58
Michigan	521,243.08	73,274.44	594,517.52	65,269.24	659,786.76	2,186,364.65	2,846,151.41
Minnesota	463,160.11	99,390.00	562,550.11		562,550.11	2,544,826.21	3,107,376.32
Mississippi	555,020.95	94,590.00	649,610.95	15,707.52	665,318.47	1,351,962.95	2,017,281.42
Missouri	508,765.09	70,575.00	579,340.09	30,691.29	610,031.38	853,608.21	1,463,639.59
Montana	224,222.37	85,396.61	309,618.98		309,618.98	1,086,632.21	1,396,251.19
Nebraska	322,285.41	83,174.73	405,460.14	2,269.47	407,729.61	1,420,469.24	1,828,198.85
Nevada	167,121.79	44,000.00	211,121.79		211,121.79	112,960.34	324,082.13
New Hampshire	194,387.20	44,140.00	238,527.20		238,527.20	172,944.25	411,471.45
New Jersey	260,716.48	75,783.96	336,500.44	11,644.99	348,145.43	1,648,054.99	1,996,200.42
New Mexico	223,312.53	60,800.00	284,112.53		284,112.53	412,398.93	696,511.46
New York:							
Cornell	483,363.58	137,259.50	620,623.08	5,974.19	626,597.27	3,610,852.92	4,237,450.19
State	53,636.12	31,367.97	85,004.09		85,004.09	1,162,019.66	1,247,023.75
North Carolina	748,085.36	117,315.00	865,320.36		865,320.36	1,789,750.94	2,655,071.30
North Dakota	263,561.51	30,500.00	294,061.51		294,061.51	874,537.10	1,168,598.61
Ohio	615,147.13	106,085.00	721,232.13	13,750.00	734,982.13	1,764,813.38	2,499,795.51
Oklahoma	404,295.99	60,425.00	464,720.99	18,816.99	483,537.98	1,498,734.72	1,982,272.70
Oregon	287,280.19	103,733.80	391,013.99	16,650.28	407,664.27	1,922,418.14	2,330,082.41
Pennsylvania	681,006.59	115,544.95	796,551.54	6,205.82	802,757.36	1,425,009.07	2,227,766.43
Puerto Rico	508,466.92	76,194.80	584,661.72		584,661.72	1,304,583.73	1,889,245.45
Rhode Island	174,049.55	45,887.26	219,936.81	3,468.22	223,405.03	151,669.48	375,074.51
South Carolina	454,223.92	66,590.00	520,813.92		520,813.92	739,310.00	1,260,123.92
South Dakota	261,799.22	54,262.94	316,062.16	6,946.34	323,008.50	580,316.63	903,325.13
Tennessee	572,474.04	88,515.00	660,989.04	2,390.48	663,379.52	897,619.96	1,560,999.48
Texas	763,560.99	122,465.00	886,025.99	25,168.27	911,194.26	3,316,942.11	4,228,136.37
Utah	203,190.37	109,590.00	312,780.37	5,746.51	318,526.88	645,181.27	963,708.15
Vermont	202,171.66	22,100.00	224,271.66	522.81	224,794.47	137,913.12	362,707.59
Virginia	513,178.79	96,190.00	609,368.79	3,403.65	612,772.44	1,240,806.44	1,853,578.88
Washington	318,280.39	157,698.04	475,978.43	29,697.24	505,675.67	2,294,078.09	2,799,753.76
West Virginia	397,625.40	72,085.24	469,710.64	2,500.00	472,210.64	379,054.16	851,264.80
Wisconsin	472,939.40	120,063.13	593,002.53		593,002.53	3,534,503.00	4,127,505.53
Wyoming	185,127.52	69,070.00	254,197.52	12,555.30	266,752.82	489,969.12	756,721.94
Total	19,528,236.88	4,176,328.87	23,704,565.75	512,151.58	24,216,717.33	76,232,959.89	100,449,677.22

TABLE 10.—Summary by classification of expenditures of the experiment stations for the year ended June 30, 1956

Account	Federal-grant funds: Hatch Act, as amended	Federal-grant funds: Regional Research fund	Federal-grant funds: Total	Contractual Federal funds, Agricultural Marketing Act Sec. 204(b)	Total Federal funds	Non-Federal funds	Grand total
01 Personal services	$14,938,636.37	$2,732,620.93	$17,671,257.30	$366,806.41	$18,038,063.71	$48,654,174.41	$66,692,238.12
02 Travel	450,556.32	245,047.18	695,603.50	31,893.70	727,497.20	1,820,896.08	2,548,393.28
03 Transportation of things	19,080.90	8,367.84	27,448.74	2,014.27	29,463.01	200,420.81	229,883.82
04 Communication service	31,003.93	8,601.14	39,605.07	1,760.47	41,365.54	583,780.64	625,146.18
05 Rents and utility services	77,911.26	31,816.42	109,727.68	1,972.79	111,700.47	1,464,452.40	1,576,152.87
06 Printing and reproduction	120,136.23	19,826.34	139,962.57	6,634.78	146,597.35	741,312.84	887,910.19
07 Other contractual services	366,907.16	104,984.50	471,891.66	24,111.91	496,003.57	2,989,936.89	3,485,940.46
08 Supplies and materials	1,900,569.72	538,890.70	2,439,460.42	35,620.58	2,475,081.00	11,507,407.82	13,982,488.82
09 Equipment	1,360,970.98	409,153.64	1,770,124.62	40,545.00	1,810,669.62	4,565,089.81	6,375,759.43
10 Lands and structures (contractual)	199,764.63	67,494.93	267,259.56	125.39	267,384.95	2,845,499.78	3,112,884.73
11 Contributions to retirement	37,656.08	6,331.46	43,987.54	49.90	44,037.44	609,149.49	653,186.93
15 Taxes and assessments	25,043.30	3,193.79	28,237.09	616.38	28,853.47	250,838.92	279,692.39
Total	19,528,236.88	4,176,328.87	23,704,565.75	512,151.58	24,216,717.33	76,232,959.89	100,449,677.22

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